Allied Telesyn

AT-GS900/8E

Unmanaged Gigabit Ethernet Switches

AT-GS900/8E

8 port 10/100/1000TX unmanaged switch, ext P/S

High Performance

Designed for medium enterprises and educational networks, the Allied Telesyn AT-GS900 Series of unmanaged Gigabit switches delivers the high-speed and high-performance demanded by today's high-bandwidth applications such as video, graphics, and industrial design.

Flexibility

Available in 8, 16 and 24 port models, Allied Telesyn lets you decide which size is best for your network. Reduces your cost by allowing you to only pay for the ports you need.

Simplified Installation

The AT-GS900 Series switches require minimal configuration and can be installed in minutes for use in network racks or on desktops. The 10/100/1000TX copper ports on the AT-GS900 Series are fully auto-negotiating, allowing the switches to connect to all other 10Mbps Ethernet, 100Mbps Fast Ethernet, or 1000Mbps Gigabit Ethernet devices. Equipped with MDI/MDIX ports for easy connection to other hubs and switches, the ATGS900 Series offers a natural migration path from legacy networks and a cost-effective introduction to Gigabit Ethernet. Finally, easy to read front panel LEDs show ongoing switch status and simplify troubleshooting.

Quality & Reliability

Allied Telesyn is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches every year, Allied Telesyn offers proven reliability and industry recognized quality. Every unmanaged switch is backed with a lifetime limited warranty.

Applications

Connected to managed Gigabit switches such as the AT-9424M or the AT-9748TS/XP or unmanaged Fast Ethernet switches such as the AT-FS724L or the AT-LE700, the AT-GS900 Series remains the ideal fit for Gigabit migration in Local Area Networks (LANs). The AT-GS900 Series of unmanaged Gigabit switches can forward both standard sized packets and VLAN-tagged packets throughout LANs. For those applications requiring Gigabit to the desktop, an ideal design combines Allied Telesyn AT-GS900 Series switches with any of our full line of Gigabit network adapter cards—whether it's the AT-2930T for copper Gigabit or the AT-2930SX for fiber Gigabit.

Key Features

- Wirespeed performance
- Non-blocking architecture
- Auto-negotiation Gigabit ports
- Auto MDI/MDIX on TX ports
- Transparent to VLAN packets
- Full duplex flow control
- Sturdy metal case
- Lifetime limited warranty

AT-GS900/8E | Unmanaged Gigabit Ethernet Switches

Performance

14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

Switching Capacity	Up to 12Mpps
MAC Addresses	Up to 4K
Packet Buffer	128KB

Half/Full duplex
Auto-negotiation
MDI/MDIX

Interface Connections

10/100/1000TX	RJ-45

Power Characteristics

Voltage	100-240vAC
Frequency	50/60Hz
Current	1.0A
Power Consumption Max	15W

Environmental Specifications

Operating Temp.	0°C to 40°C (32°F to 104°F)
Non-operating Temp.	-25°C to 70°C (-13°F to 158°F)
Operating Humidity	5% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing

Technical Specifications

Physical Characteristics

Dimensions	3.8 x 19.5 x 11.4 cm (1.5 x 7.68 x 4.49 in)
Weight	.65kg (1.43lbs)

Wall-mount or Desktop

All units come with Wall & 19" Rack mount brackets

Standards & Compliance

IEEE 802.3	10T Ethernet
IEEE 802.3u	100TX Fast Ethernet
IEEE 802.3ab	1000T Gigabit Ethernet
IEEE 802.3z	Full duplex
IEEE 802.3x	Flow control

Electrical/Mechanical Approvals

UL 1950
FCC/EN55022 Class A
VCCI Class A
C-Tick
EN60950 (TUV)
EN55024
CE

Ordering Information

AT-GS900/8E
8 port 10/100/1000TX unmanaged switch, ext P/S

USA Headquarters | 19800 North Creek Parkway | Suite 200 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895
European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11
Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830
www.alliedtelesyn.com

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